Cls. FIG. 1
BY
DRAFTSMAN
704
260

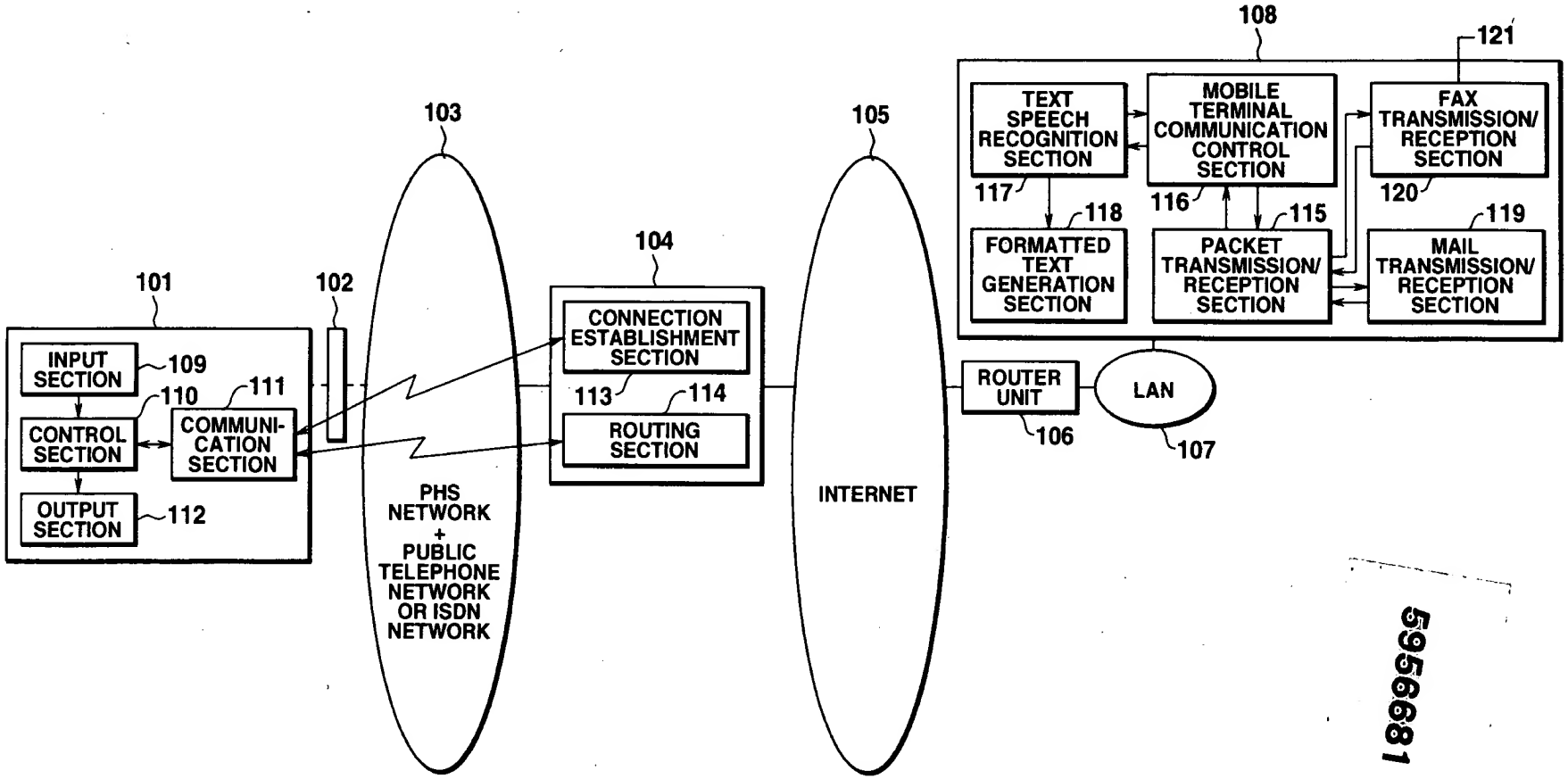

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FIG.1

704 260

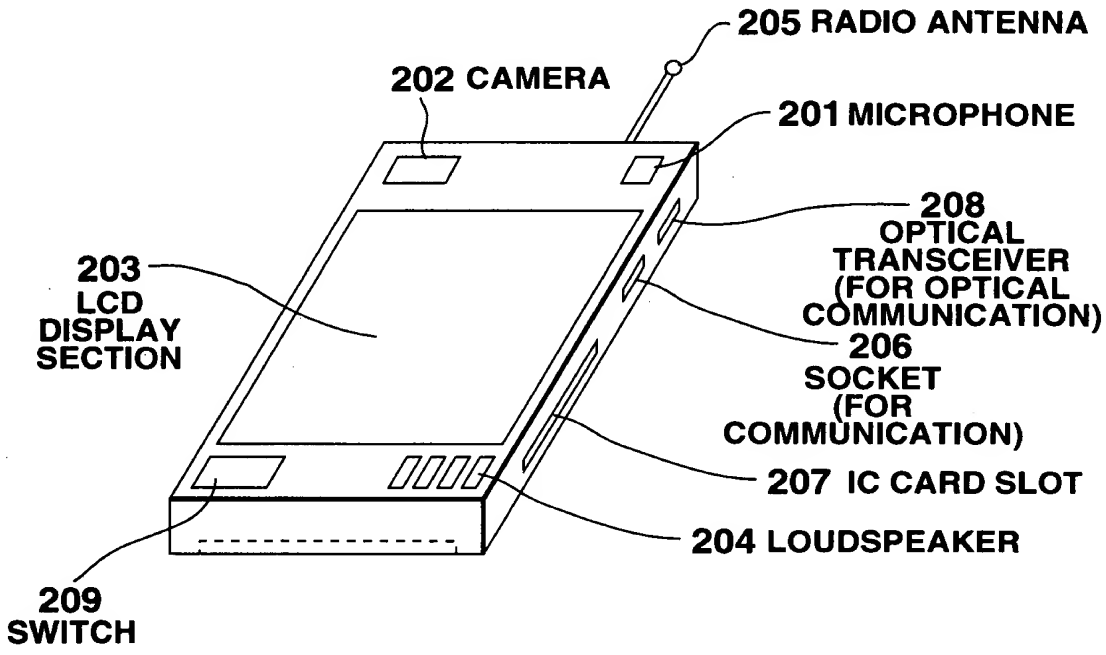

205 RADIO ANTENNA
202 CAMERA
201 MICROPHONE
208
OPTICAL
TRANSCEIVER
(FOR OPTICAL
COMMUNICATION)
203
LCD
DISPLAY
SECTION
206
SOCKET
(FOR
COMMUNICATION)
207 IC CARD SLOT
204 LOUDSPEAKER
209
SWITCH

FIG.2

EY
704 260

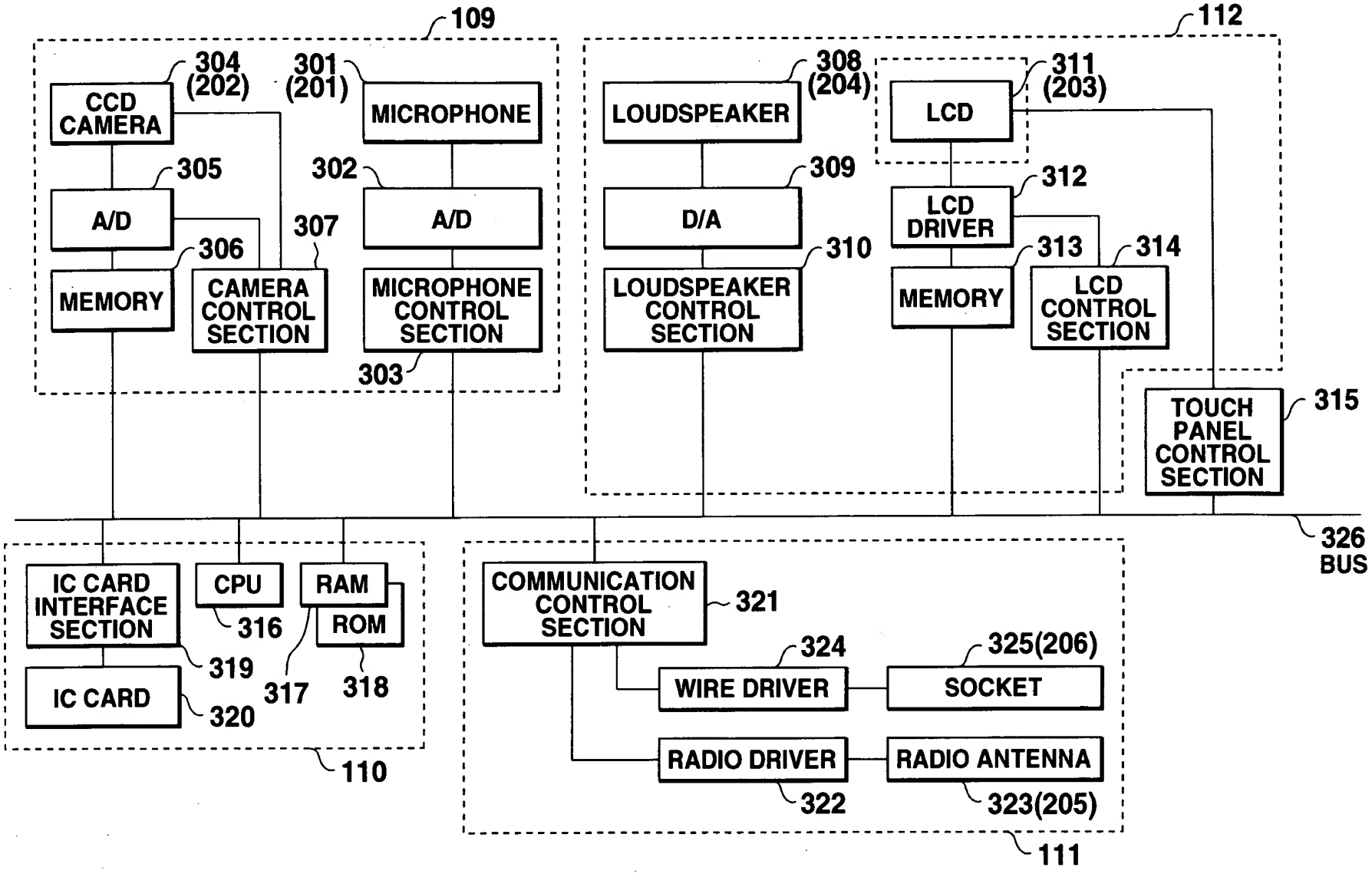


FIG.3

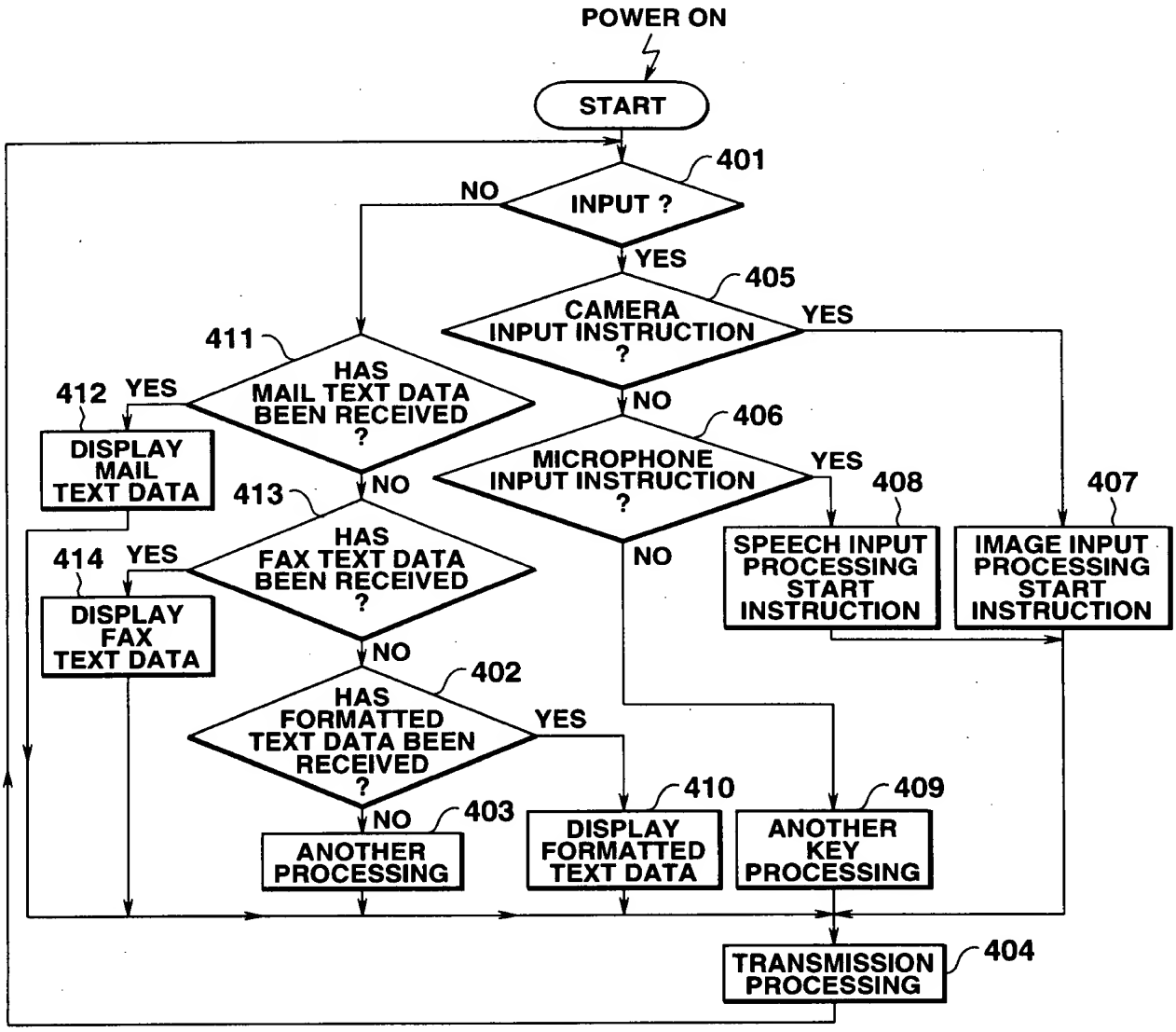

POWER ON
START
401
INPUT ?
NO
YES
405
CAMERA INPUT INSTRUCTION ?
YES
411
HAS MAIL TEXT DATA BEEN RECEIVED ?
412
YES
DISPLAY MAIL TEXT DATA
NO
406
MICROPHONE INPUT INSTRUCTION ?
YES
NO
408
SPEECH INPUT PROCESSING START INSTRUCTION
407
IMAGE INPUT PROCESSING START INSTRUCTION
413
HAS FAX TEXT DATA BEEN RECEIVED ?
414
YES
DISPLAY FAX TEXT DATA
NO
402
HAS FORMATTED TEXT DATA BEEN RECEIVED ?
YES
NO
403
ANOTHER PROCESSING
410
DISPLAY FORMATTED TEXT DATA
409
ANOTHER KEY PROCESSING
TRANSMISSION PROCESSING
404

FIG.4

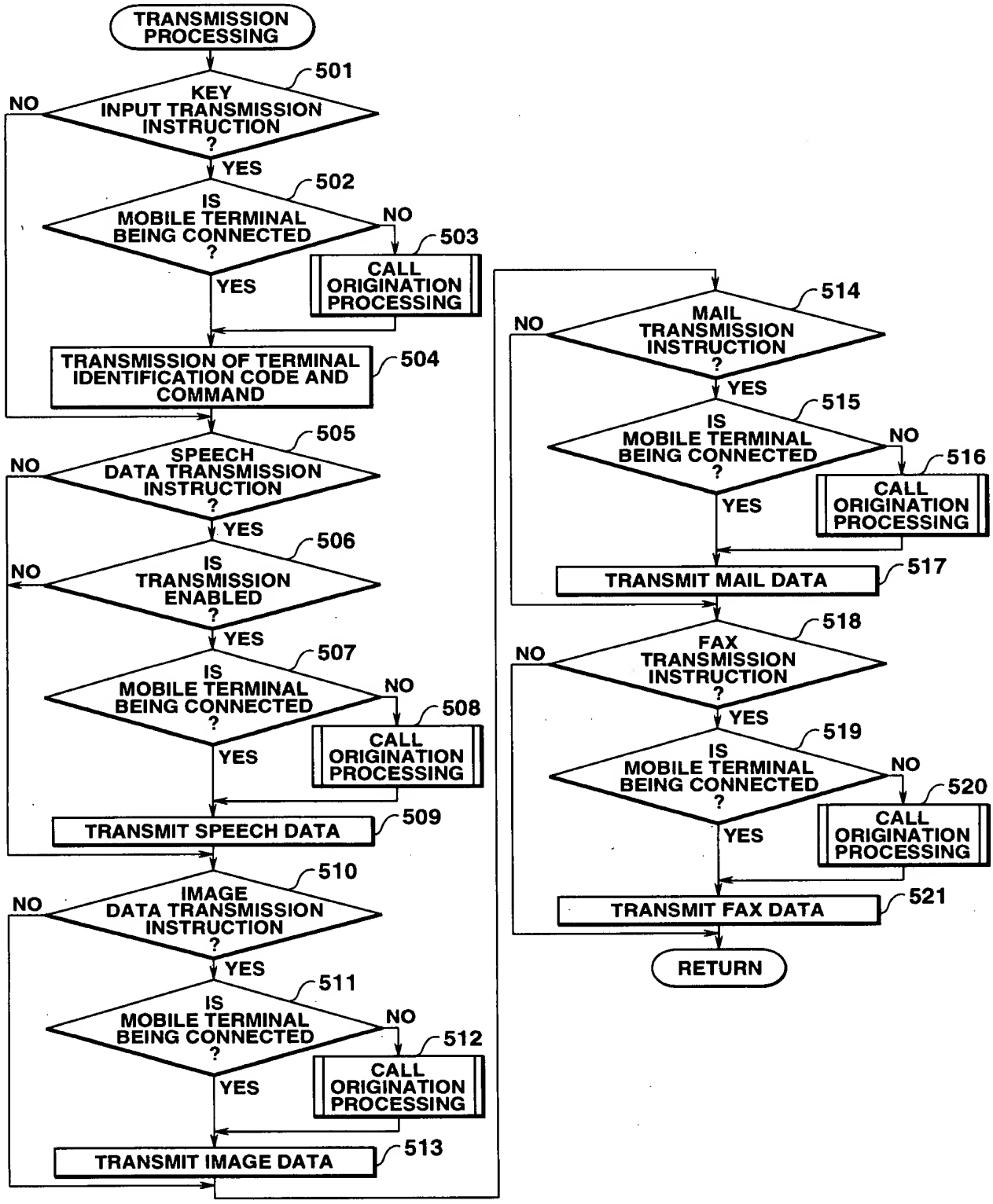

TRANSMISSION PROCESSING
501
KEY INPUT TRANSMISSION INSTRUCTION ?
NO
YES
502
IS MOBILE TERMINAL BEING CONNECTED ?
NO
YES
503
CALL ORIGINATION PROCESSING
TRANSMISSION OF TERMINAL IDENTIFICATION CODE AND COMMAND
504
505
SPEECH DATA TRANSMISSION INSTRUCTION ?
NO
YES
506
IS TRANSMISSION ENABLED ?
NO
YES
507
IS MOBILE TERMINAL BEING CONNECTED ?
NO
YES
508
CALL ORIGINATION PROCESSING
TRANSMIT SPEECH DATA
509
510
IMAGE DATA TRANSMISSION INSTRUCTION ?
NO
YES
511
IS MOBILE TERMINAL BEING CONNECTED ?
NO
YES
512
CALL ORIGINATION PROCESSING
TRANSMIT IMAGE DATA
513
514
MAIL TRANSMISSION INSTRUCTION ?
NO
YES
515
IS MOBILE TERMINAL BEING CONNECTED ?
NO
YES
516
CALL ORIGINATION PROCESSING
TRANSMIT MAIL DATA
517
518
FAX TRANSMISSION INSTRUCTION ?
NO
YES
519
IS MOBILE TERMINAL BEING CONNECTED ?
NO
YES
520
CALL ORIGINATION PROCESSING
TRANSMIT FAX DATA
521
RETURN

FIG.5

26207T 2T69968D.PRO. 1
BY
704 260

FIG.6A

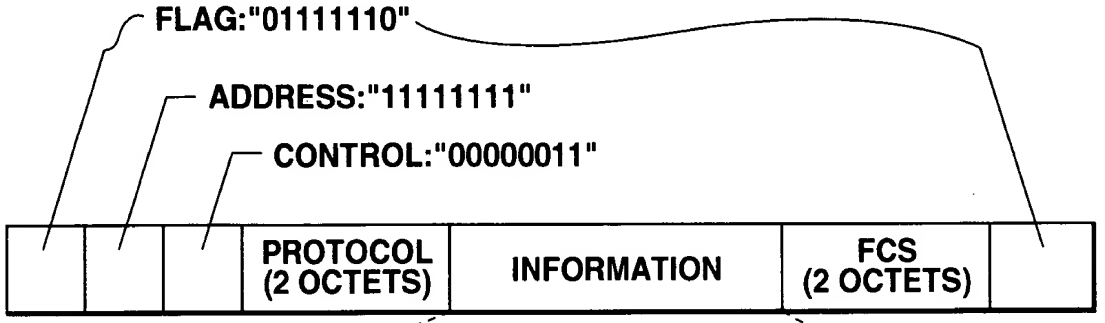


FIG.6B

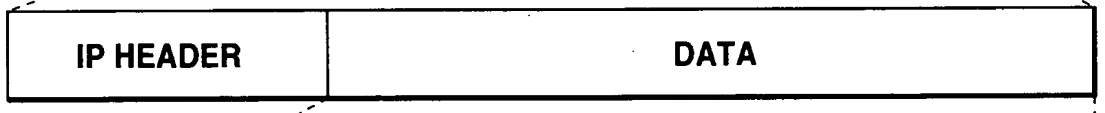
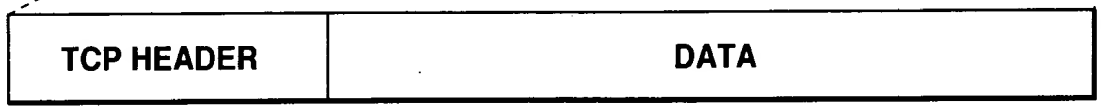


FIG.6C



TERMINAL IDENTIFICATION CODE
COMMAND
SPEECH DATA
FORMATTED TEXT DATA
IMAGE DATA

FIRST WORD	VERSION	HEADER LENGTH	SERVICE TYPE	TOTAL IP DATAGRAM LENGTH
SECOND WORD	IDENTIFICATION NUMBER		FLAG STRING	FRAGMENT OFFSET
THIRD WORD	TIME OF LIVE	PROTOCOL	HEADER CHECKSUM	
FOURTH WORD	TRANSMISSION SOURCE IP ADDRESS			
FIFTH WORD	DESTINATION IP ADDRESS			
SIXTH WORD	IP OPTION			PADDING

FIG.7A

FIRST WORD	TRANSMISSION SOURCE PORT NUMBER			DESTINATION PORT NUMBER
SECOND WORD	SEQUENCE NUMBER			
THIRD WORD	CONFIRMATION RESPONSE NUMBER			
FOURTH WORD	HEADER LENGTH	RESERVED	FLAG STRING	WINDOW
FIFTH WORD	CHECKSUM			EMERGENCY POINTER
SIXTH WORD	OPTION			PADDING

FIG.7B

EP 0 794 694 A2

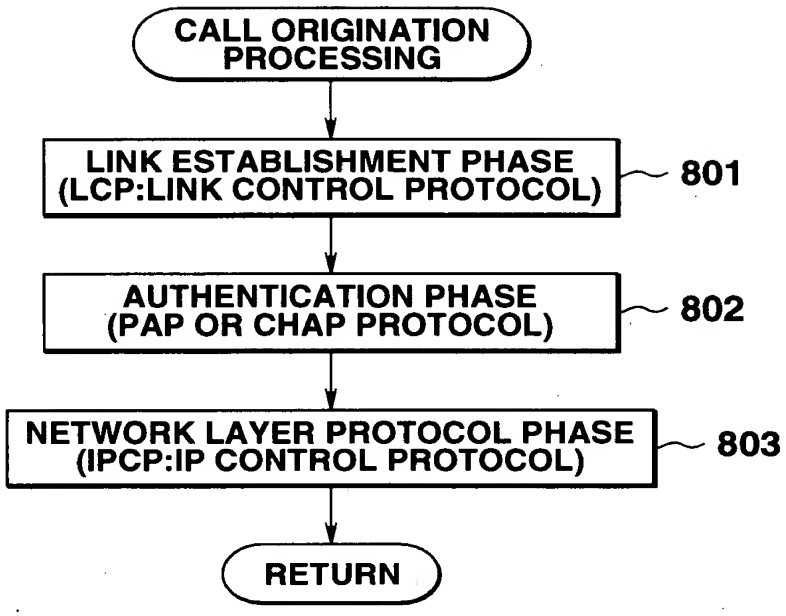


FIG.8

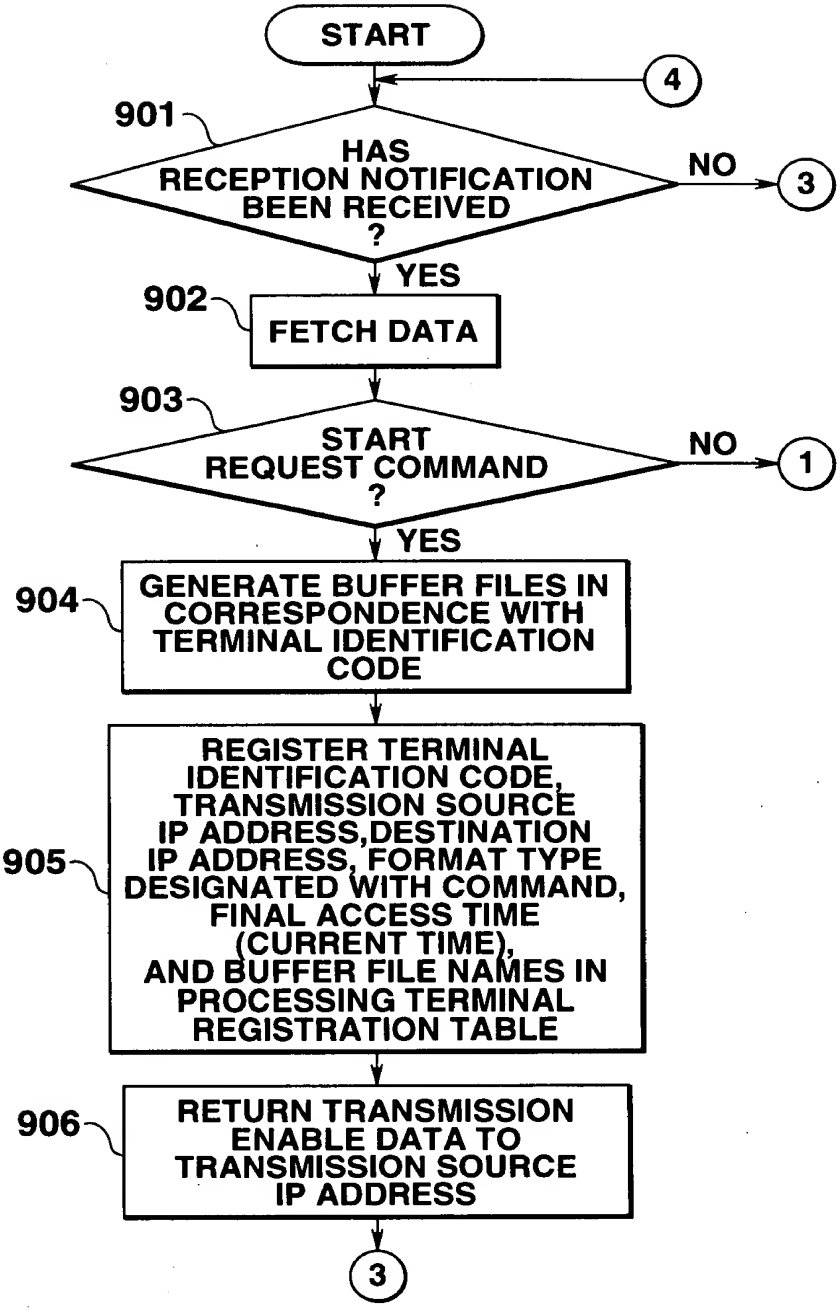

START
4
901
HAS RECEPTION NOTIFICATION BEEN RECEIVED ?
NO
3
YES
902
FETCH DATA
903
START REQUEST COMMAND ?
NO
1
YES
904
GENERATE BUFFER FILES IN CORRESPONDENCE WITH TERMINAL IDENTIFICATION CODE
905
REGISTER TERMINAL IDENTIFICATION CODE, TRANSMISSION SOURCE IP ADDRESS,DESTINATION IP ADDRESS, FORMAT TYPE DESIGNATED WITH COMMAND, FINAL ACCESS TIME (CURRENT TIME), AND BUFFER FILE NAMES IN PROCESSING TERMINAL REGISTRATION TABLE
906
RETURN TRANSMISSION ENABLE DATA TO TRANSMISSION SOURCE IP ADDRESS
3

FIG.9A

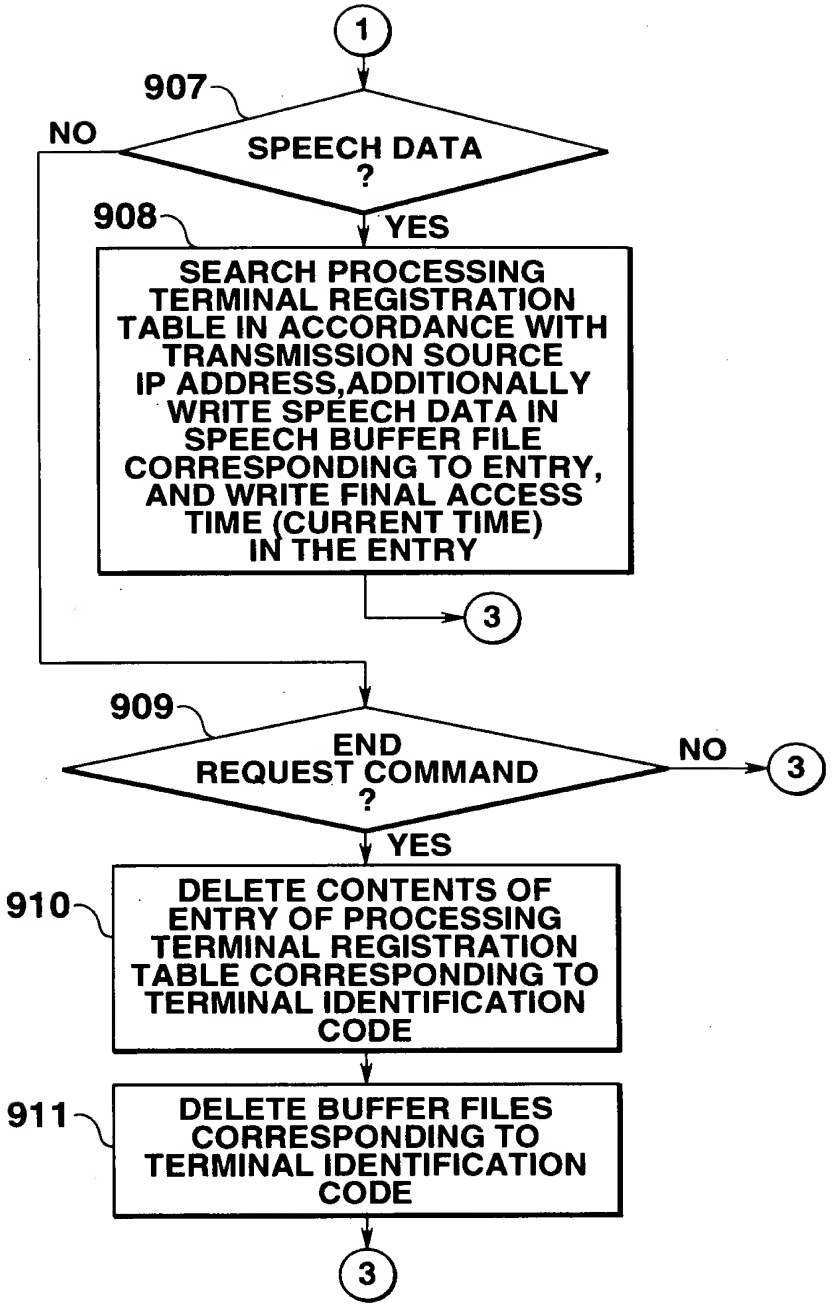

1
907
NO
SPEECH DATA ?
YES
908
SEARCH PROCESSING TERMINAL REGISTRATION TABLE IN ACCORDANCE WITH TRANSMISSION SOURCE IP ADDRESS,ADDITIONALLY WRITE SPEECH DATA IN SPEECH BUFFER FILE CORRESPONDING TO ENTRY, AND WRITE FINAL ACCESS TIME (CURRENT TIME) IN THE ENTRY
3
909
END REQUEST COMMAND ?
NO
3
YES
910
DELETE CONTENTS OF ENTRY OF PROCESSING TERMINAL REGISTRATION TABLE CORRESPONDING TO TERMINAL IDENTIFICATION CODE
911
DELETE BUFFER FILES CORRESPONDING TO TERMINAL IDENTIFICATION CODE
3

FIG.9B

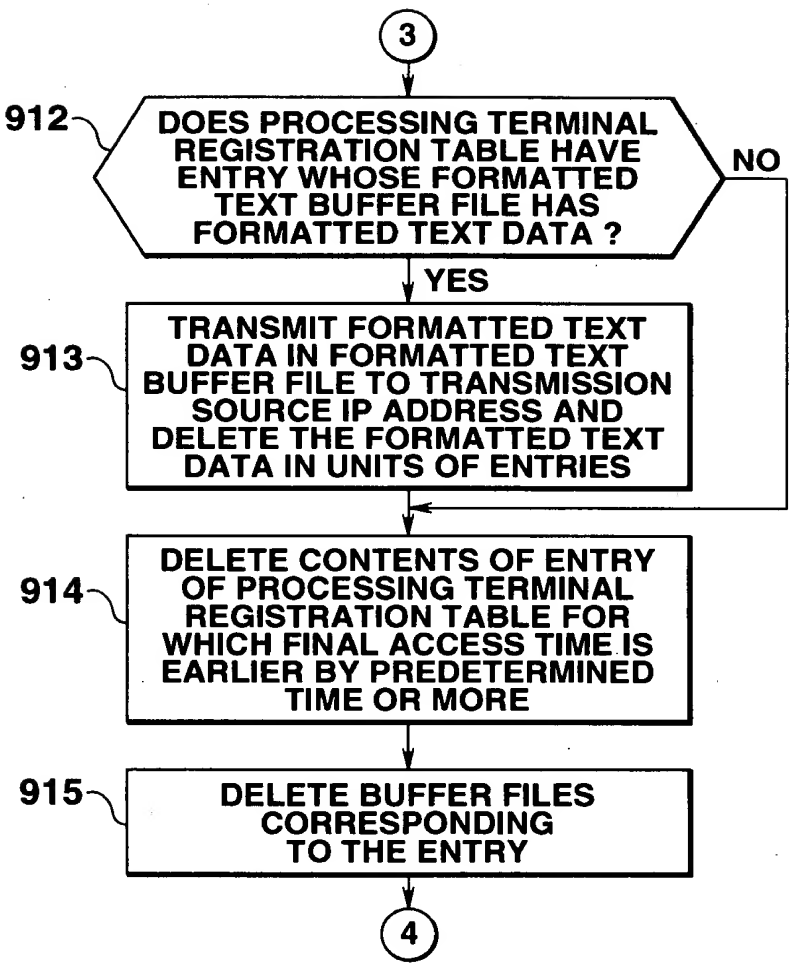

3
912
DOES PROCESSING TERMINAL REGISTRATION TABLE HAVE ENTRY WHOSE FORMATTED TEXT BUFFER FILE HAS FORMATTED TEXT DATA ?
NO
YES
913
TRANSMIT FORMATTED TEXT DATA IN FORMATTED TEXT BUFFER FILE TO TRANSMISSION SOURCE IP ADDRESS AND DELETE THE FORMATTED TEXT DATA IN UNITS OF ENTRIES
914
DELETE CONTENTS OF ENTRY OF PROCESSING TERMINAL REGISTRATION TABLE FOR WHICH FINAL ACCESS TIME IS EARLIER BY PREDETERMINED TIME OR MORE
915
DELETE BUFFER FILES CORRESPONDING TO THE ENTRY
4

FIG.9C

2620TT 2855660 US 1
BY
DRAFTSMAN 704 260

TERMINAL IDENTIFICATION CODE	TRANSMISSION SOURCE IP ADDRESS	FORMAT TYPE	FINAL ACCESS TIME	SPEECH BUFFER FILE NAME	TEXT BUFFER FILE NAME	FORMATTED TEXT BUFFER FILE NAME
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.10

Z6207T 2169968 PATENT
BY
DRAWING
704 260

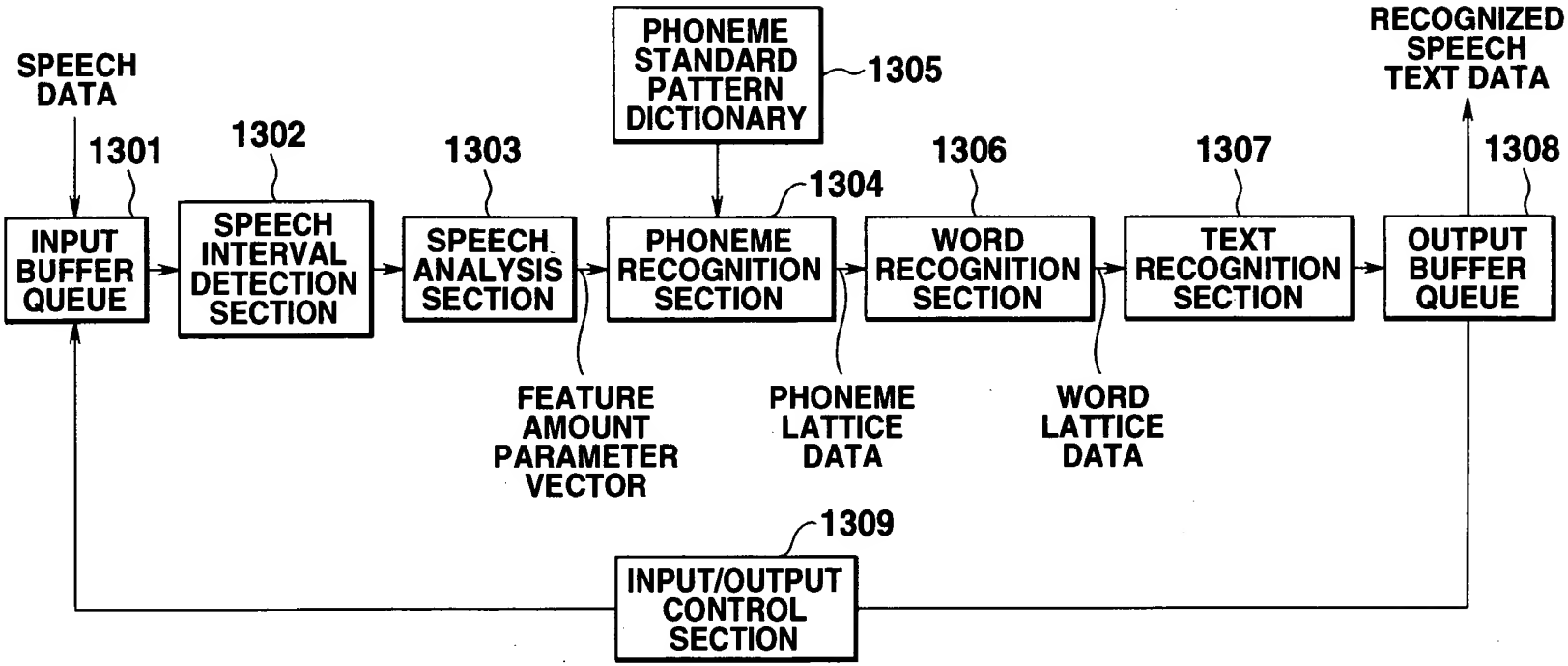


FIG.11

EXPRESS MAIL NO. EV 704 260 US

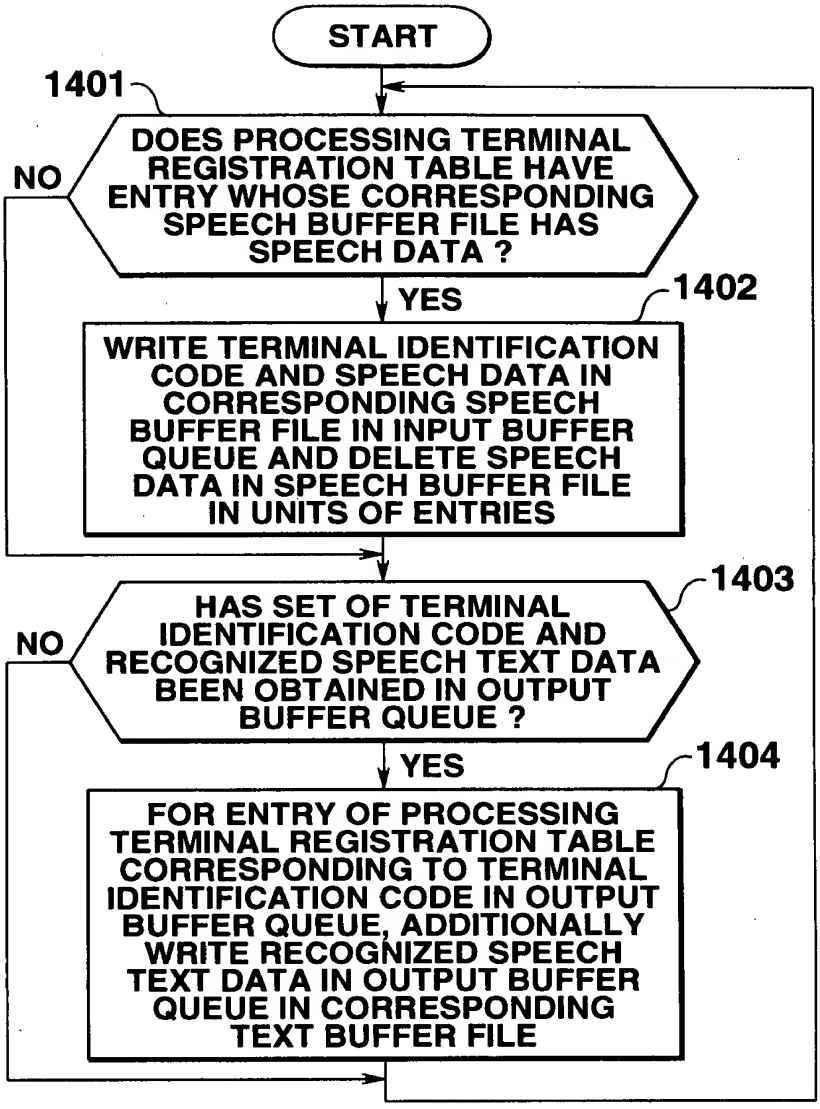


FIG.12

2659680 1
704 260

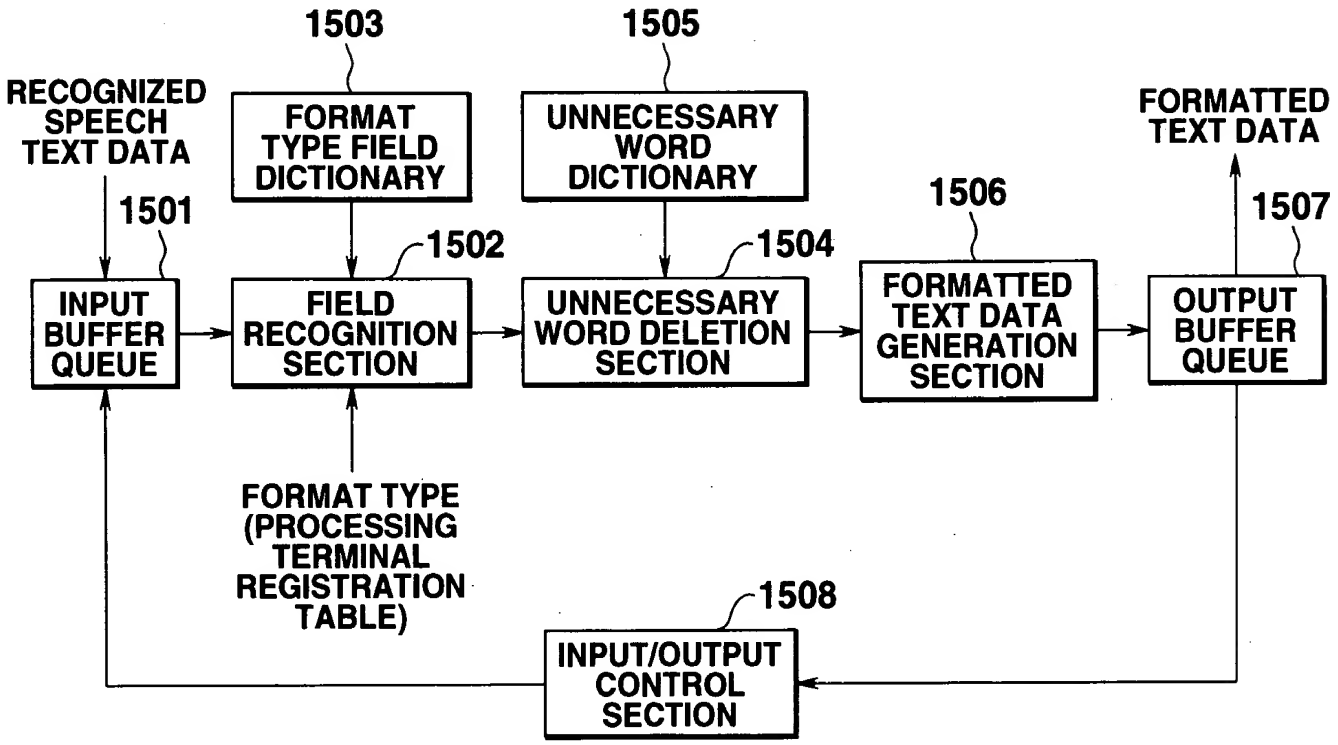


FIG.13

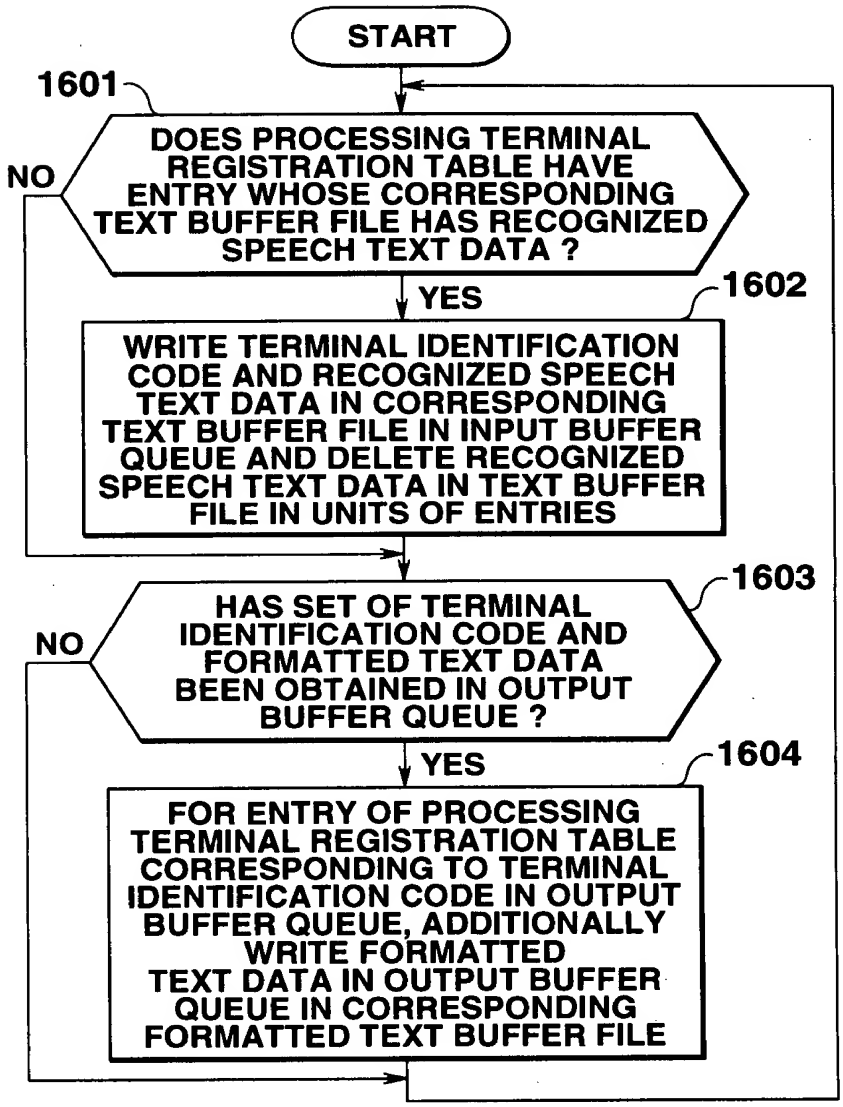

START
1601
DOES PROCESSING TERMINAL REGISTRATION TABLE HAVE ENTRY WHOSE CORRESPONDING TEXT BUFFER FILE HAS RECOGNIZED SPEECH TEXT DATA ?
NO
YES
1602
WRITE TERMINAL IDENTIFICATION CODE AND RECOGNIZED SPEECH TEXT DATA IN CORRESPONDING TEXT BUFFER FILE IN INPUT BUFFER QUEUE AND DELETE RECOGNIZED SPEECH TEXT DATA IN TEXT BUFFER FILE IN UNITS OF ENTRIES
1603
HAS SET OF TERMINAL IDENTIFICATION CODE AND FORMATTED TEXT DATA BEEN OBTAINED IN OUTPUT BUFFER QUEUE ?
NO
YES
1604
FOR ENTRY OF PROCESSING TERMINAL REGISTRATION TABLE CORRESPONDING TO TERMINAL IDENTIFICATION CODE IN OUTPUT BUFFER QUEUE, ADDITIONALLY WRITE FORMATTED TEXT DATA IN OUTPUT BUFFER QUEUE IN CORRESPONDING FORMATTED TEXT BUFFER FILE

FIG.14

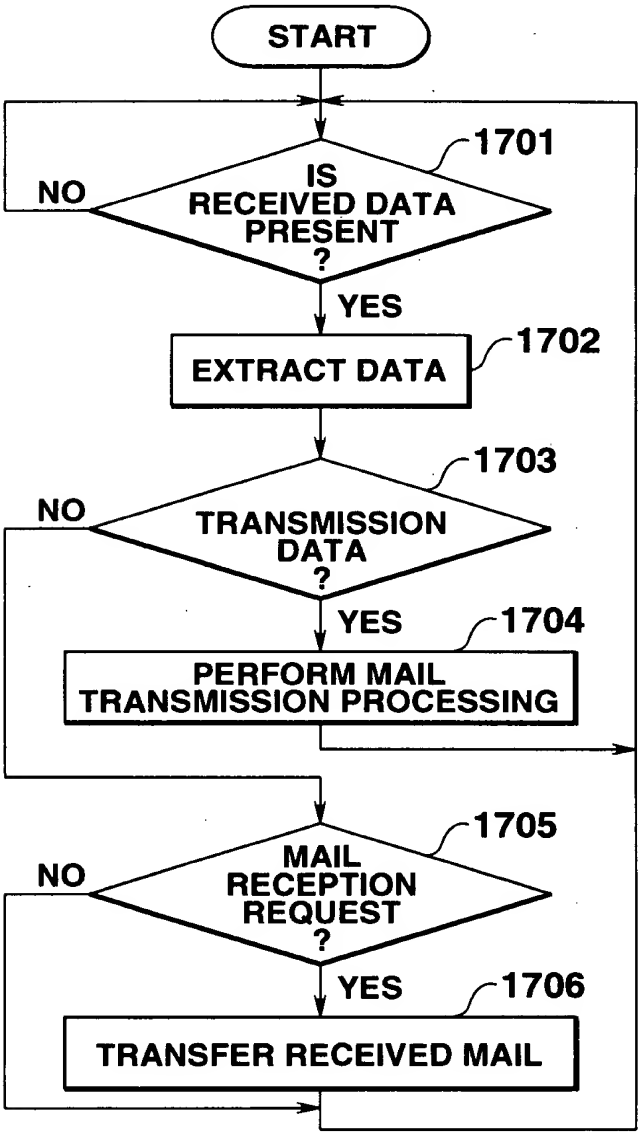

START
1701
IS RECEIVED DATA PRESENT ?
NO
YES
EXTRACT DATA
1702
1703
TRANSMISSION DATA ?
NO
YES
1704
PERFORM MAIL TRANSMISSION PROCESSING
1705
MAIL RECEPTION REQUEST ?
NO
YES
1706
TRANSFER RECEIVED MAIL

FIG.15

DRAFTSMAN 704 260

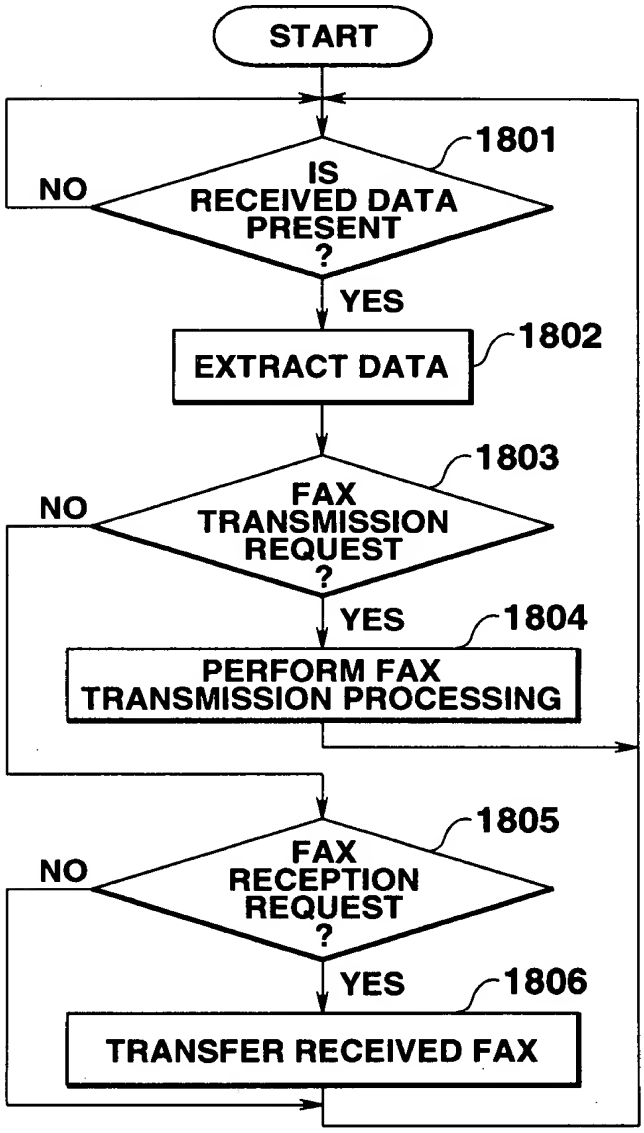


FIG.16